ELSEVIER

Neuroscience Letters 284 (2000) 204–206

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 284

Volume 284, nos. 1,2

Guidelines for the submission of manuscripts v

Mating modifies *c-fos* expression in the brain of male and female rabbits
A. Reyna-Neyra, I. Camacho-Arroyo, M.A. Cerbón, G. González-Mariscal (Mexico) 1

High-pass filtering of carotid-vagal influences on expiration in rat: role of *N*-methyl-D-aspartate receptors
C.-S. Poon, D.L. Young, M.S. Siniaia (USA) 5

Expression analysis of the 5′-upstream region of mouse P/Q-type Ca^{2+} channel α_{1A} subunit gene fused to *Escherichia coli lacZ* reporter gene in the spinal cord using transgenic mice
E. Takahashi, N. Kajiwara, K. Furuya, F. Sugiyama, K.-i. Yagami (Japan) 9

Time evolution of acoustic 'information' processing in the mesencephalon of Wistar rats
M.F.D. Moraes, F. Del Vecchio, V.C. Terra, N. Garcia-Cairasco (Brazil) 13

Inhibition of transmitter release and long-term depression in the avian hippocampus
T.W. Margrie, J.A.P. Rostas, P. Sah (Australia) 17

Developing chicken oligodendrocytes express the type IV oligodendrocyte marker T4-O in situ, but not in vitro
E.S. Anderson, C. Bjartmar, C. Eriksson, G. Westermark, C. Hildebrand (Sweden) 21

Chronic *n*-3 polyunsaturated fatty acid deficiency alters dopamine vesicle density in the rat frontal cortex
L. Zimmer, S. Delpal, D. Guilloteau, J. Aïoun, G. Durand, S. Chalon (France) 25

Deltamethrin induces altered expression of P53, Bax and Bcl-2 in rat brain
A. Wu, T. Ren, Q. Hu, Y. Liu (People's Republic of China) 29

Expression of frequenin at the frog (*Rana*) neuromuscular junction, muscle spindle and nerve
M.J. Werle, J. Roder, A. Jeromin (USA, Canada) 33

The effects of acute nicotine on the body temperature and striatal dopamine metabolism of mice during chronic nicotine infusion
O. Salminen, L. Ahtee (Finland) 37

The electroencephalographic β synchronization following extension and flexion finger movements in humans
A. Stančák Jr. (Czech Republic) 41

Contralateral heat hyperalgesia induced by unilaterally intraplantar bee venom injection is produced by central changes: a behavioral study in the conscious rat
H.-S. Chen, J. Chen, Y.-Y. Sun (P.R. China) 45

Reduction of A1 adenosine receptors in rat hippocampus after kainic acid-induced limbic seizures
A. Ekonomou, G. Sperk, G. Kostopoulos, F. Angelatou (Greece, Austria) 49

The influence of semantic priming on event-related potentials to painful laser-heat stimuli in humans
J. Dillmann, W.H.R. Miltner, T. Weiss (Germany) 53

Locomotor and learning deficits in adult rats exposed to monosodium-L-glutamate during early life
M.M. Ali, M. Bawari, U.K. Misra, G.N. Babu (India) 57

Chick muscle-derived protein 62: a novel neurite outgrowth promoting protein
A. Uyeda, M. Simo Wydisdtuti, H. Nishimune, K. Kiyosue, M. Kasai, T. Taguchi (Japan) 61

Increased neurosteroids synthesis after brain and spinal cord injury in rats
F. di Michele, D. Lekieffre, A. Pasini, G. Bernardi, J. Benavides, E. Romeo (Italy, France, Italy) 65

An examination of glutamate decarboxylase$_{65}$ immunoreactive puncta with respect to rat ventral pallidum neurons after repeated cocaine administration
K.R. De Leon, M.S. Todtenkopf, J.R. Stellar (USA) 69

Influence of interleukin-1β gene polymorphisms on age-at-onset of sporadic Parkinson's disease
M. Nishimura, I. Mizuta, E. Mizuta, S. Yamasaki, M. Ohta, S. Kuno (Japan) 73

Tau polymorphisms are not associated with Alzheimer's disease
J.M. Kwon, P. Nowotny, P.K. Shah, S. Chakraverty, J. Norton, J.C. Morris, A.M. Goate (USA) 77

ELSEVIER

Neuroscience Letters 284 (2000) 204–206

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 284

Volume 284, nos. 1,2

Guidelines for the submission of manuscripts v

Mating modifies *c-fos* expression in the brain of male and female rabbits
A. Reyna-Neyra, I. Camacho-Arroyo, M.A. Cerbón, G. González-Mariscal (Mexico) 1

High-pass filtering of carotid-vagal influences on expiration in rat: role of *N*-methyl-D-aspartate receptors
C.-S. Poon, D.L. Young, M.S. Siniaia (USA) 5

Expression analysis of the 5′-upstream region of mouse P/Q-type Ca^{2+} channel α_{1A} subunit gene fused to *Escherichia coli lacZ* reporter gene in the spinal cord using transgenic mice
E. Takahashi, N. Kajiwara, K. Furuya, F. Sugiyama, K.-i. Yagami (Japan) 9

Time evolution of acoustic 'information' processing in the mesencephalon of Wistar rats
M.F.D. Moraes, F. Del Vecchio, V.C. Terra, N. Garcia-Cairasco (Brazil) 13

Inhibition of transmitter release and long-term depression in the avian hippocampus
T.W. Margrie, J.A.P. Rostas, P. Sah (Australia) 17

Developing chicken oligodendrocytes express the type IV oligodendrocyte marker T4-O in situ, but not in vitro
E.S. Anderson, C. Bjartmar, C. Eriksson, G. Westermark, C. Hildebrand (Sweden) 21

Chronic *n*-3 polyunsaturated fatty acid deficiency alters dopamine vesicle density in the rat frontal cortex
L. Zimmer, S. Delpal, D. Guilloteau, J. Aïoun, G. Durand, S. Chalon (France) 25

Deltamethrin induces altered expression of P53, Bax and Bcl-2 in rat brain
A. Wu, T. Ren, Q. Hu, Y. Liu (People's Republic of China) 29

Expression of frequenin at the frog (*Rana*) neuromuscular junction, muscle spindle and nerve
M.J. Werle, J. Roder, A. Jeromin (USA, Canada) 33

The effects of acute nicotine on the body temperature and striatal dopamine metabolism of mice during chronic nicotine infusion
O. Salminen, L. Ahtee (Finland) 37

The electroencephalographic β synchronization following extension and flexion finger movements in humans
A. Stančák Jr. (Czech Republic) 41

Contralateral heat hyperalgesia induced by unilaterally intraplantar bee venom injection is produced by central changes: a behavioral study in the conscious rat
H.-S. Chen, J. Chen, Y.-Y. Sun (P.R. China) 45

Reduction of A1 adenosine receptors in rat hippocampus after kainic acid-induced limbic seizures
A. Ekonomou, G. Sperk, G. Kostopoulos, F. Angelatou (Greece, Austria) 49

The influence of semantic priming on event-related potentials to painful laser-heat stimuli in humans
J. Dillmann, W.H.R. Miltner, T. Weiss (Germany) 53

Locomotor and learning deficits in adult rats exposed to monosodium-L-glutamate during early life
M.M. Ali, M. Bawari, U.K. Misra, G.N. Babu (India) 57

Chick muscle-derived protein 62: a novel neurite outgrowth promoting protein
A. Uyeda, M. Simo Wydisdtuti, H. Nishimune, K. Kiyosue, M. Kasai, T. Taguchi (Japan) 61

Increased neurosteroids synthesis after brain and spinal cord injury in rats
F. di Michele, D. Lekieffre, A. Pasini, G. Bernardi, J. Benavides, E. Romeo (Italy, France, Italy) 65

An examination of glutamate decarboxylase$_{65}$ immunoreactive puncta with respect to rat ventral pallidum neurons after repeated cocaine administration
K.R. De Leon, M.S. Todtenkopf, J.R. Stellar (USA) 69

Influence of interleukin-1β gene polymorphisms on age-at-onset of sporadic Parkinson's disease
M. Nishimura, I. Mizuta, E. Mizuta, S. Yamasaki, M. Ohta, S. Kuno (Japan) 73

Tau polymorphisms are not associated with Alzheimer's disease
J.M. Kwon, P. Nowotny, P.K. Shah, S. Chakraverty, J. Norton, J.C. Morris, A.M. Goate (USA) 77

Immunohistochemical distribution of the endothelin-converting enzyme-1 in the rat hypothalamo-pituitary axis
K. Kurokawa, H. Yamada, Y. Liu, M. Kudo (Japan) 81
Cerebrospinal beta-amyloid $_{(1-42)}$ in early Alzheimer's disease: association with apolipoprotein E genotype and cognitive decline
M. Riemenschneider, M. Schmolke, N. Lautenschlager, W.G. Guder, H. Vanderstichele, E. Vanmechelen, A. Kurz (Germany, Belgium) 85
NK-3 receptors are expressed on mouse striatal γ-aminobutyric acid-ergic interneurones and evoke [^{3}H] γ-aminobutyric acid release
Z. Preston, P.J. Richardson, R.D. Pinnock, K. Lee (UK) 89
Effects of irradiation on the sensitivity of melatonin release to norepinephrine in cultured pineal bodies of rats
K. Saito, K. Shinohara, M. Morofushi, T. Funabashi, D. Mitsushima, M. Hata, S. Matsubara, F. Kimura (Japan) 93
Simultaneous desynchronization and synchronization of different alpha responses in the human electroencephalograph: a neglected paradox?
W. Klimesch, M. Doppelmayr, D. Röhm, D. Pöllhuber, W. Stadler (Austria) 97
Effect of halothane administration on acetylcholinesterase activity in guinea-pig muscle and brain
M.C. Lintern, J.R. Wetherell, M.E. Smith (UK) 101
Modes of regulation of laminin-5 production by rat astrocytes
S. Wagner, H. Gardner (Germany, USA) 105
The neuroprotective effect of cerebral poly(ADP-ribose) polymerase inhibition in a rat model of global ischemia
K. Plaschke, J. Kopitz, M.A. Weigand, E. Martin, H.J. Bardenheuer (Germany) 109
Serotonin transporter (5-*HTT*) gene polymorphism in psychogeriatric patients
P. Zill, F. Padberg, S. de Jonge, H. Hampel, K. Bürger, S. Stübner, T. Boetsch, H. Jürgen Möller, M. Ackenheil, B. Bondy (Germany) 113
Cloning, heterologous expression and co-assembly of Mpβ1, a nicotinic acetylcholine receptor subunit from the aphid *Myzus persicae*
Y. Huang, M.S. Williamson, A.L. Devonshire, J.D. Windass, S.J. Lansdell, N. S. Millar (UK) 116
Deficient intracortical inhibition in drug-naive children with attention-deficit hyperactivity disorder is enhanced by methylphenidate
G.H. Moll, H. Heinrich, G.-E. Trott, S. Wirth, A. Rothenberger (Germany) 121
The scintillating grid illusion during smooth pursuit, stimulus motion, and brief exposure in humans
M. Schrauf, E.R. Wist, W.H. Ehrenstein (Germany) 126

Volume 284, no. 3

Altered gene expressions during hypoxia and reoxygenation in cortical neurons isolated from stroke-prone spontaneously hypertensive rats
K. Yamagata, M. Tagami, K. Ikeda, Y. Yamori, Y. Nara (Japan) 131
Temporal profile of release of interleukin-1β in neurotrauma
K. Fassbender, S. Schneider, T. Bertsch, D. Schlueter, M. Fatar, A. Ragoschke, S. Kühl, U. Kischka, M. Hennerici (Germany) 135
Lack of temperature-induced polypnea in histamine H1 receptor-deficient mice
M. Izumizaki, M. Iwase, H. Kimura, K. Yanai, T. Watanabe, T. Watanabe, I. Homma (Japan) 139
Activin promotes astrocytic differentiation of a multipotent neural stem cell line and an astrocyte progenitor cell line from murine central nervous system
M. Satoh, H. Sugino, T. Yoshida (Japan) 143
Repetitive transcranial magnetic stimulation causes a short-term increase in the duration of the cortical silent period in patients with Parkinson's disease
H.R. Siebner, C. Mentschel, C. Auer, C. Lehner, B. Conrad (Germany) 147
Hypoxia influences somatostatin release in rats
X.-Q. Chen, J.-Z. Du (People's Republic of China) 151
Inhibitory effect of intrathecally administered nociceptin on the expression of Fos-like immunoreactivity in the rat formalin test
T. Yamamoto, S. Ohtori, T. Chiba (Japan) 155
Effects of bacterial lipopolysaccharide on central monoamines and fever in the rat: involvement of the vagus
S.M.J. MohanKumar, P.S. MohanKumar, S.K. Quadri (USA) 159
Enhancement of cerebral cortical acetylcholine release by intraperitoneal acetic acid and its suppression by analgesics in freely moving rats
H. Harada, K. Hosonuma, T. Fujii, K. Kawashima (Japan) 163
Propofol potentiates ATP-activated currents of recombinant $P2X_4$ receptor channels expressed in human embryonic kidney 293 cells
A. Tomioka, S. Ueno, K. Kohama, F. Goto, K. Inoue (Japan) 167
mRNA encoding 'ClC-K1, a kidney Cl^-- channel' is expressed in marginal cells of the stria vascularis of rat cochlea: its possible contribution to Cl^- currents
M. Ando, S. Takeuchi (Japan) 171
Comparison of French natural scrapie isolates with bovine spongiform encephalopathy and experimental scrapie infected sheep
T.G.M. Baron, J.-Y. Madec, D. Calavas, Y. Richard, F. Barillet (France) 175
Adenosine triphosphate is full antagonist at human $P2Y_1$ purinoceptors
K. Sak, J. Järv (Estonia) 179
Localization of M_2 muscarinic acetylcholine receptor protein in cholinergic and non-cholinergic terminals in rat hippocampus
S.T. Rouse, S.M. Edmunds, H. Yi, M.L. Gilmor, A.I. Levey (USA) 182

Neurons containing Alz-50-immunoreactive granules around the cerebral infarction: evidence for the lysosomal degradation of altered tau in human brain?
K. Ikeda, H. Akiyama, T. Arai, H. Kondo, C. Haga, K. Tsuchiya, S. Yamada, S. Murayama, A. Hori (Japan, Germany) 187

Effects of the androgenic anabolic steroid, nandrolone decanoate, on adrenocorticotropin hormone, corticosterone and proopiomelanocortin, corticotropin releasing factor (CRF) and CRF receptor1 mRNA levels in the hypothalamus, pituitary and amygdala of the rat
S.D. Schlussman, Y. Zhou, P. Johansson, A. Kiuru, A. Ho, F. Nyberg, M.J. Kreek (USA, Sweden) 190

c-Jun N-terminal kinase (JNK) and JNK interacting protein response in rat brain after transient middle cerebral artery occlusion
T. Hayashi, K.-i. Sakai, C. Sasaki, W.R. Zhang, H. Warita, K. Abe (Japan) 195

Author Index to Volume 284 200

Contents to Volume 284 204